PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/186,269*

DATE: 05/23/94
TIME: 11:10:10

INPUT SET: S2249.raw

CL

> **This Raw Listing contains the General Information Section and those Sequences containing ERRORS.**

```
 1                                SEQUENCE LISTING
 2
 3    (1)     General Information:
 4
 5        (i) APPLICANT: Bendig, Mary M.
 6                       Leger, Olivier J.
 7                       Saldanha, Jose
 8                       Jones, S. Tarran
 9
10       (ii) TITLE OF INVENTION: Humanized Antibodies Against Leukocyte
11            Adhesion Molecule VLA-4
12
13      (iii) NUMBER OF SEQUENCES:  45 Shown, Insert number,
14
15       (iv) CORRESPONDENCE ADDRESS:
16            (A) ADDRESSEE: Townsend and Townsend Khourie and Crew
17            (B) STREET: One Market Plaza, Steuart Tower, Suite 2000
18            (C) CITY: San Francisco
19            (D) STATE: California
20            (E) COUNTRY: USA
21            (F) ZIP: 94105
22
23        (v) COMPUTER READABLE FORM:
24            (A) MEDIUM TYPE: Floppy disk
25            (B) COMPUTER: IBM PC compatible
26            (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27            (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
28
29       (vi) CURRENT APPLICATION DATA:
30            (A) APPLICATION NUMBER: US 08/186,269
31            (B) FILING DATE: 25-JAN-1994
32            (C) CLASSIFICATION:
33
34     (viii) ATTORNEY/AGENT INFORMATION:
35            (A) NAME: Smith, William L.
36            (B) REGISTRATION NUMBER: 30,223
37            (C) REFERENCE/DOCKET NUMBER: 15270-14
38
39       (ix) TELECOMMUNICATION INFORMATION:
40            (A) TELEPHONE: 415-543-9600
41            (B) TELEFAX: 415-543-5043
42
43
```

ERRORED SEQUENCES FOLLOW:

INPUT SET: S2249.raw

```
1258   (2) INFORMATION FOR SEQ ID NO:44:
1259
1260       (i) SEQUENCE CHARACTERISTICS:
1261           (A) LENGTH: 128 amino acids         only 125 are shown.
1262           (B) TYPE: amino acid
1263           (C) STRANDEDNESS: single
1264           (D) TOPOLOGY: linear
1265
1266      (ii) MOLECULE TYPE: protein
1267
1268
1269
1270      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:44:
1271
1272
1273       Glu Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Lys Pro Gly Ala
1274        1               5                  10                  15
1275
1276       Ser Val Lys Leu Ser Cys Thr Ala Ser Gly Phe Asn Ile Lys Asp Thr
1277                    20                  25                  30
1278
1279       Tyr Met His Trp Val Lys Gln Arg Pro Glu Gln Gly Leu Glu Trp Ile
1280                35                  40                  45
1281
1282       Gly Arg Ile Asp Pro Ala Asn Gly Asn Thr Lys Tyr Asp Pro Lys Phe
1283            50                  55                  60
1284
1285       Gln Gly Lys Ala Thr Ile Thr Ala Asp Thr Ser Ser Asn Thr Ala Tyr
1286       65                  70                  75                  80
1287
1288       Leu Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Tyr Cys
1289                        85                  90                  95
1290
1291       Ala Arg Gly Tyr Tyr Tyr Tyr Asp Ser Xaa Val Gly Tyr Tyr Ala Met
1292                    100                 105                 110
1293
1294       Asp Tyr Trp Gly Gln Gly Thr Xaa Val Thr Val Ser Ser
1295                115                 120                 125
1296
```

```
1297   (2) INFORMATION FOR SEQ ID NO:45:
1298
1299       (i) SEQUENCE CHARACTERISTICS:
1300           (A) LENGTH: 125 amino acids         128 are shown.
1301           (B) TYPE: amino acid
1302           (C) STRANDEDNESS: single
1303           (D) TOPOLOGY: linear
1304
1305      (ii) MOLECULE TYPE: protein
1306
1307
1308
1309      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:45:
```

Please review these discrepancies.

INPUT SET: S2249.raw

```
1310
1311
1312      Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
1313      1               5                   10              15
1314
1315      Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
1316                  20              25              30
1317
1318      Ala Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
1319                  35              40              45
1320
1321      Gly Trp Ile Asn Pro Tyr Gly Asn Gly Asp Thr Asn Tyr Ala Gln Lys
1322          50              55              60
1323
1324      Phe Gln Gly Arg Val Thr Ile Thr Ala Asp Thr Ser Thr Ser Thr Ala
1325      65              70              75              80
1326
1327      Tyr Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr
1328                  85              90              95
1329
1330      Cys Ala Arg Ala Pro Gly Tyr Gly Ser Gly Gly Cys Tyr Arg Gly Asp
1331                  100             105             110
1332
1333      Tyr Xaa Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
1334          115             120             125
1335
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/08/186,269*

INPUT SET: S2249.raw

Line	Error	Original Text
0	Number of Sequences (0) Doesn't Equal Actual Count (45)	
1261	Entered (128) and Calc. Seq. Length (125) differ	(A) LENGTH: 128 amino acids
1300	Entered (125) and Calc. Seq. Length (128) differ	(A) LENGTH: 125 amino acids